



Gramin Krishi Mausam Sewa
INDIA METEOROLOGICAL DEPARTMENT
ODISHA UNIVERSITY OF AGRICULTURE & TECHNOLOGY
Mahisapat, Dhenkanal- 759 013



Deepanjali Dugal,
Jr. Agrometeorologist

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DISTRICT: DHENKANAL (Mid-central Table Land Zone)

Weather condition during last week (30.12.2023 to 05.01.2024)

Rainfall (mm)	0.0
Maximum Temperature (°C)	27.6-28.9
Minimum Temperature (°C)	13.3-15.6

Forecast (Up to 10.01.2024) given by Met. Centre, IMD, Bhubaneswar

Date	Rainfall (mm)	T-MAX (°C)	T-MIN (°C)	Cloud Cover	Rh Max (%)	Rh Min (%)	Wind speed (kmph)	Wind Direction (deg)
06-01-2024	0	28	14	0	77	29	6	120
07-01-2024	0	28	15	1	82	29	7	124
08-01-2024	0	27	16	2	79	31	6	116
09-01-2024	0	27	15	1	68	32	4	180
10-01-2024	0	27	15	1	78	32	5	158

As per IMD forecast, the Dhenkanal district is likely to dry for the next five days with clear to mainly clear sky. The wind speed is likely to remain 04-07 km/h. The maximum temperature is likely to remain between 27-28°C and minimum temperature between 14-16°C. The maximum RH will remain between 68% to 82% and minimum RH between 29% to 32% for the next five days.

Agromet Advisory

- ❖ Standing water to a depth of 2-3 cm should be maintained at least for 2-3 days before uprooting of seedlings in Paddy nursery.
- ❖ Apply light irrigation preferably bore well water to the paddy nursery area in the evening to maintain the soil temperature favourable for seedling growth.
- ❖ Provide light irrigation to standing vegetables and crops during morning hours to prevent damage from fog, low temperature and moisture stress.
- ❖ Early planted potato crop is at 3 week stage. Go for hoeing and weeding and apply the rest 30-45 Kg N/acre.

PADDY:

Apply 800g Cartap Hydrochloride 4% G or 400g Chlorantraniliprole 0.4% G for 10 decimal nursery area 7 days before transplanting to manage gall midge, stem borer, caseworm, leaf folder and root knot nematode up to 3 weeks after transplanting.

GROUNDNUT:

White grub infestation in groundnut can be minimized by drenching Chloropyriphous @ 6ml/lit of water or Imidacloprid 30.5 sc@ 1ml/lit of water at the plant base.

SUGARCANE:

To prevent red rot disease, resistant varieties like CO-7219, CO-8371, CO-8013, CO-8014, CO-6907, CO-7601 and CO- 7602 should be selected. Soak the setts for 30 minutes in a solution of 100 lit of water containing 150 g of carbendazim 50 WP, 200- ml of chlorpyriphos 20 % EC and 1 kg urea. Do not add chlorpyriphos if soil drenching is adopted.

CHILLI:

Due to infestation of mites in Chilli downward curling and crinkling of leaves occur. Plant appears stunted. To manage mites in chilli crop spray Ethion 50 % EC @ 600-ml/acre or Spiromesifen 22.9 % SC @ 200-ml/acre or Propargite 57 % EC @ 600-ml/acre.

TOMATO:

Prevailing fog condition may increase the infestation aphid. To control aphid need based spraying of neem oil formulation @ 600ml per acre or Flonicam @ 60g per acre is recommended.

BRINJAL:

Use yellow sticky traps 5 @ 8-10/acre to attract and kill White fly in Brinjal. During primary stage of pest infestation spray neembased pesticide (Azadirachtin) 1500 PPM @ 600-ml/acre by mixing in 200-litre of water. To control this pest chemically spray Thiamethoxam 25 % WG @ 40 g/acre or Pyriproxifen 10% EC @ 200 ml/acre or Spiromesifen 22.9% SC @ 250 ml/acre by mixing in 200 litre of water.

ONION:

Onion Seedlings of 8-weeks old which are 12-15 cm in height should be planted in the main field. Before transplanting apply 10 tonnes of Compost, 52 kg of DAP, 30 kg of Murate of Potash 20 kg of urea and 20 kg of sulphur and mix it to the soil uniformly. Transplant the seedlings in line by keeping the row to row spacing at 25 cm and plant to plant spacing at 10 cm.

TUBEROSE:

There are chances of infestation of leaf blight, stem rot and root knot nematode in tube rose. Spray 3gm Fenamidone 10% + Mancozeb 50%WDG or 2gm Cymoxanil 8% + Mancozeb 64%WP per litre of water to control leaf blight. To control stem rot, apply 2gm carbendazim 12% + mancozeb 63%WP per litre of water. Spray 24 kg carbofuran 3% per acre to control from root knot nematode.

ANIMAL HUSBANDRY:

If the animals have not yet been vaccinated against FMD, Haemorrhagic Septicaemia, Black Quarter, Enterotoxemia etc., these must be done. Due care should be taken to store/procure fodder for periods of shortage that may occur during the winter months in certain areas. Perennial grasses must be cut at this time.

Approved by ADR cum Nodal Officer
GKMS-AMFU, RRTTS
Mahisapat, Dhenkanal

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